



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
BM LIFTS OUTBACK QUAD 73255 (S/N 073255)

Component
Gearbox

Fluid
PETRO CANADA ENDURATEX EP 68 (80 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0679920	WC0800967	WC0566575
Sample Date		Client Info		15 Mar 2024	23 Mar 2023	19 Mar 2022
Machine Age	hrs	Client Info		18615	18415	18181
Oil Age	hrs	Client Info		623	423	189
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>200	6	8	5
Chromium	ppm	ASTM D5185(m)	>15	0	0	0
Nickel	ppm	ASTM D5185(m)	>15	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	0	0	0
Lead	ppm	ASTM D5185(m)	>100	0	0	0
Copper	ppm	ASTM D5185(m)	>200	1	1	1
Tin	ppm	ASTM D5185(m)	>25	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

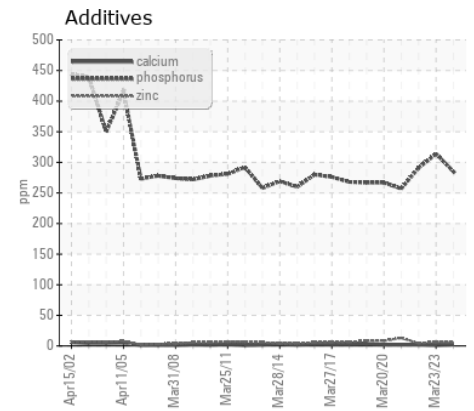
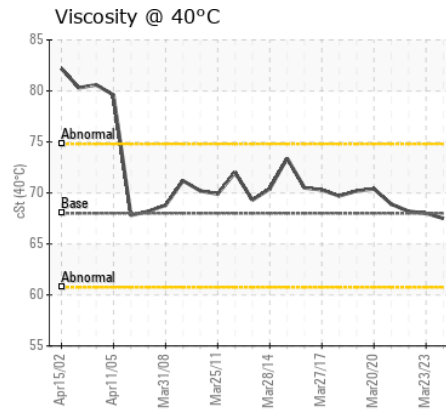
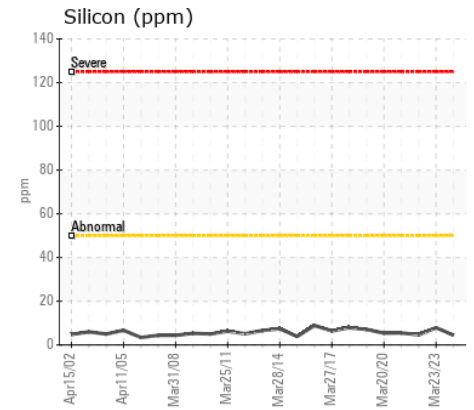
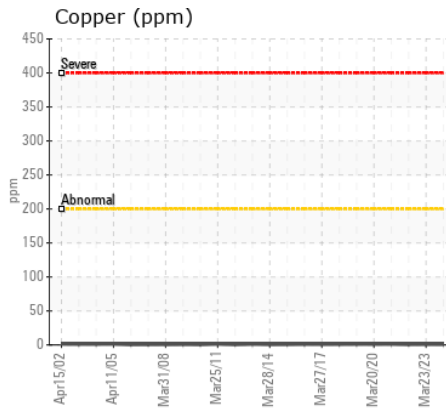
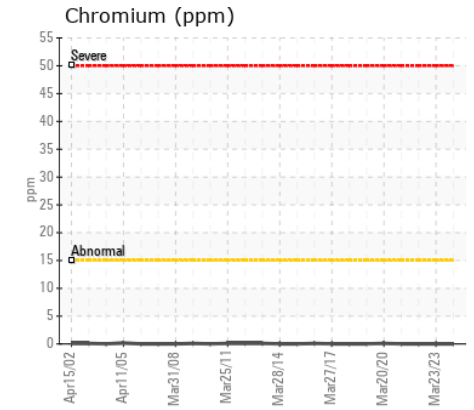
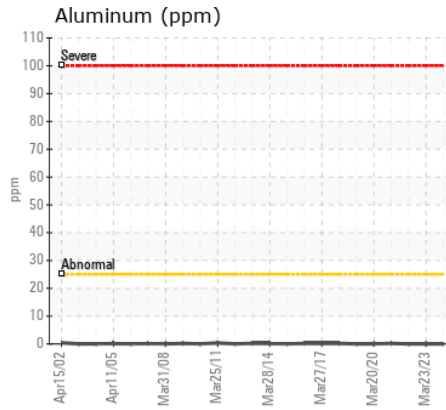
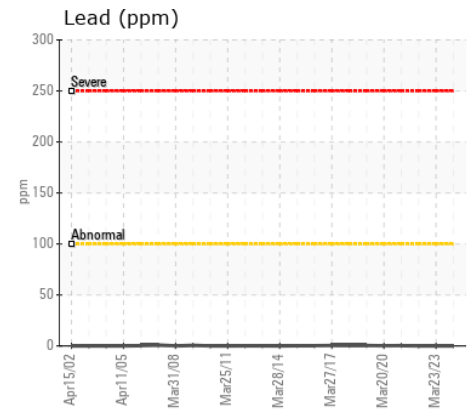
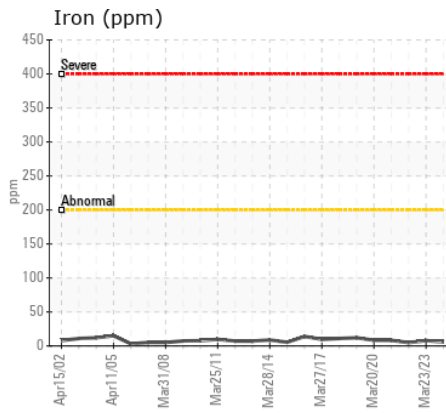
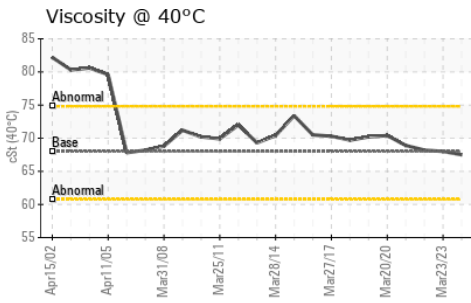
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	4	8	5
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		4	4	3
Boron	ppm	ASTM D5185(m)	69	66	71	71
Barium	ppm	ASTM D5185(m)	1	1	0	0
Molybdenum	ppm	ASTM D5185(m)	1	0	0	0
Manganese	ppm	ASTM D5185(m)	1	0	<1	0
Magnesium	ppm	ASTM D5185(m)	1	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	1	2	1	2
Phosphorus	ppm	ASTM D5185(m)	246	285	314	291
Zinc	ppm	ASTM D5185(m)	1	6	6	4
Sulfur	ppm	ASTM D5185(m)	3670	4648	5192	5012
Visc @ 40°C	cSt	ASTM D7279(m)	68.0	67.5	68.0	68.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0679920
Lab Number : 02626615
Unique Number : 5759747
Test Package : MOB 1
Received : 04 Apr 2024
Tested : 04 Apr 2024
Diagnosed : 04 Apr 2024 - Wes Davis

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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.